

Pennsylvania E85 Corridor Project

2007 Clean Cities Joint Regional
Coordinator Peer Exchange

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Overview

- E85 infrastructure to be installed in 14 fueling stations reaching from State College, PA to suburbs of Philadelphia, PA
- The Corridor extends 200 miles across PA



Key Personnel

- Seth Obetz, Worley & Obetz
- Brian Gerhart, Amerigreen Biofuels
- Brad Beauchamp, General Motors
- Brinda Shetty, GPCCP
 - Fueling Station Partners
 - CS Myers & Son, Inc. (1)
 - West Shore Oil (1)
 - Shipley Energy Company (6)
 - Reilly & Sons, Inc. (2)
 - Worley & Obetz (4)



Project Tasks

- Stage I – E85 Station Conversions
- Stage II – E85 Readiness Campaign
- Stage III – Marketing , Promotion, and Advertising
- Station IV – Promoting Growth of Corridor

Technical Feasibility and Likelihood of Success

- Worley & Obetz opened 1st E85 station in PA
 - Credibility
 - Track record of success
 - Budget based on actual costs
 - Petroleum reduction potential based on actual numbers



Technical Feasibility and Likelihood of Success

- Fueling station partners carefully selected
 - Existing storage tanks and pumps
 - Enthusiastic about E85
 - 13 of 14 stations accept Voyager Cards
- General Motors is a partner



Project Cost and Cost Share

- \$914,800 over two year period
- Majority of cost personnel with 22 people donating time to the project
- 70% of project costs from donated time and AFIG
- Amount requested from DOE 30% of entire budget
 - \$283,380 awarded
- Cost effectiveness or total project cost per gallon of conventional fuel saved per month
 - $\$914,880 / 54,000 \text{ gallons} = \16.94

Questions?

